

Kernal oops with drm radeon

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2005-11/9460.html>

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Date: 11/29/05

Date: Tue, 29 Nov 2005 09:23:08 -0800

To: linux-kernel@vger.kernel.org

[1.] One line summary of the problem:

Trying to play a recording with mythtv creates a kernel oops (every time)

[2.] Full description of the problem/report:

see above

[3.] Keywords (i.e., modules, networking, kernel):

drm radeon mythtv

[4.] Kernel version (from /proc/version):

Linux version 2.6.14.2 (root@florian) (gcc version 3.3.6 (Debian 1:3.3.6-7)) #2 Wed Nov 23 09:46:25 PST 2005

[5.] Output of Oops.. message (if applicable) with symbolic information resolved (see Documentation/oops-tracing.txt)

Nov 29 08:58:33 florian kernel: Unable to handle kernel NULL pointer dereference at virtual address 00000004

Nov 29 08:58:33 florian kernel: printing eip:

Nov 29 08:58:33 florian kernel: c0129955

Nov 29 08:58:33 florian kernel: *pde = 00000000

Nov 29 08:58:33 florian kernel: Oops: 0002 [#3]

Nov 29 08:58:33 florian kernel: Modules linked in: bttv video_buf v4l2_common btcx_risc lirc_i2c lirc_dev radeon drm ip_nat_ftp ip_conntrack_ftp snd_pcm_oss snd_mixer_oss forcedeth tulip msp3400 saa7115 tda9887

wm8775 cx25840 firmware_class tuner tveeprom snd_intel8x0 snd_ac97_codec snd_ac97_bus ivtv snd_pcm i2c_algo_bit i2c_nforce2 snd_timer snd videodev i2c_core soundcore snd_page_alloc nvidia_agp agpgart

Linux-Kernel: Kernal oops with drm radeon

Nov 29 08:58:33 florian kernel: CPU: 0

Nov 29 08:58:33 florian kernel: EIP: 0060:[add_wait_queue+21/48]

Not tainted VLI

Nov 29 08:58:33 florian kernel: EFLAGS: 00010046 (2.6.14.2)

Nov 29 08:58:33 florian kernel: EIP is at add_wait_queue+0x15/0x30

Nov 29 08:58:33 florian kernel: eax: dfd0d208 ebx: 00000000 ecx:
d756bebc edx: d756beb0

Nov 29 08:58:33 florian kernel: esi: 00000246 edi: d756bea4 ebp:
dfd0d000 esp: d756be6c

Nov 29 08:58:33 florian kernel: ds: 007b es: 007b ss: 0068

Nov 29 08:58:33 florian kernel: Process mythfrontend (pid: 5734,
threadinfo=d756a000 task=c63d15a0)

Nov 29 08:58:33 florian kernel: Stack: d756a000 00771005 e1a26f84
dfd0d000 dd6e8800 00000000 dfd0d208 00000000

Nov 29 08:58:33 florian kernel: dffef0c0 00000000 c63d15a0
c0113b20 00000000 00000000 00000013 00000006

Nov 29 08:58:33 florian kernel: dfd0d000 00000000 c63d15a0
c0113b20 00000000 00000000 b0a920d0 c01e668c

Nov 29 08:58:33 florian kernel: Call Trace:

Nov 29 08:58:33 florian kernel: [pg0+560476036/1069917184]

radeon_driver_vblank_wait+0xa4/0x150 [radeon]

Nov 29 08:58:33 florian kernel: [default_wake_function+0/32] default_wake_funct

ion+0x0/0x20

Nov 29 08:58:33 florian kernel: [default_wake_function+0/32]

default_wake_function+0x0/0x20

Nov 29 08:58:33 florian kernel: [copy_from_user+76/192]

copy_from_user+0x4c/0xc0

Nov 29 08:58:33 florian kernel: [pg0+551788680/1069917184]

drm_wait_vblank+0x1f8/0x210 [drm]

Nov 29 08:58:33 florian kernel: [chrdev_open+174/336] chrdev_open+0xae/0x150

Nov 29 08:58:33 florian kernel: [pg0+551782203/1069917184]

drm_ioctl+0xeb/0x1b4 [drm]

Nov 29 08:58:33 florian kernel: [convert_eip_to_linear+170/176]

convert_eip_to_linear+0xaa/0xb0

Nov 29 08:58:33 florian kernel: [convert_eip_to_linear+170/176]

convert_eip_to_linear+0xaa/0xb0

Nov 29 08:58:33 florian kernel: [do_ioctl+88/128] do_ioctl+0x58/0x80

Nov 29 08:58:33 florian kernel: [convert_eip_to_linear+170/176]

convert_eip_to_linear+0xaa/0xb0

Nov 29 08:58:33 florian kernel: [vfs_ioctl+101/464] vfs_ioctl+0x65/0x1d0

Nov 29 08:58:33 florian kernel: [convert_eip_to_linear+170/176]

convert_eip_to_linear+0xaa/0xb0

Kernal oops with drm radeon

Linux–Kernel: Kernal oops with drm radeon

Nov 29 08:58:33 florian kernel: [sys_ioctl+69/128] sys_ioctl+0x45/0x80

Nov 29 08:58:33 florian kernel: [convert_eip_to_linear+170/176]
convert_eip_to_linear+0xaa/0xb0

Nov 29 08:58:33 florian kernel: [syscall_call+7/11] syscall_call+0x7/0xb

Nov 29 08:58:33 florian kernel: [convert_eip_to_linear+170/176]
convert_eip_to_linear+0xaa/0xb0

Nov 29 08:58:33 florian kernel: Code: 90 90 90 90 90 90 90 90 90 90 90
90 90 90 90 90 90 90 90 90 90 90 83 ec 08 83 22 fe 89 1c 24 89 74 24
04 9c 5e fa 8b 18 8d 4a 0c <89> 4b 04 89 5a 0c 89 41 04 89 08 56 9d 8b

74 24 04 8b 1c 24 83

[6.] A small shell script or example program which triggers the
problem (if possible)

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[7.] Environment

Debian testing

[7.1.] Software (add the output of the ver_linux script here)

[7.2.] Processor information (from /proc/cpuinfo):

```
processor : 0
vendor_id : AuthenticAMD
cpu family : 6
model : 8
model name : AMD Athlon(tm) XP 2400+
```

```
stepping : 1
cpu MHz : 2004.789
cache size : 256 KB
fdiv_bug : no
hlt_bug : no
f00f_bug : no
coma_bug : no
fpu : yes
fpu_exception : yes
```

```
cpuid level : 1
wp : yes
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge
mca cmov pat pse36 mmx fxsr sse syscall mmxext 3dnowext 3dnow
bogomips : 4015.44
```

[7.3.] Module information (from /proc/modules):

Linux–Kernel: Kernal oops with drm radeon

bttv 154576 0 – Live 0xe2281000
video_buf 17284 1 bttv, Live 0xe11e9000
v4l2_common 4736 1 bttv, Live 0xe11cc000
btcx_risc 3912 1 bttv, Live 0xe090d000

lirc_i2c 8452 1 – Live 0xe11c8000
lirc_dev 12644 1 lirc_i2c, Live 0xe11c3000
radeon 104000 4 – Live 0xe1a1c000
drm 64148 5 radeon, Live 0xe11d8000
ip_nat_ftp 2752 0 – Live 0xe0811000
ip_conntrack_ftp 6128 1 ip_nat_ftp, Live 0xe0904000

snd_pcm_oss 47456 0 – Live 0xe11b6000
snd_mixer_oss 16832 1 snd_pcm_oss, Live 0xe0959000
forcedeth 18880 0 – Live 0xe08da000
tulip 47456 0 – Live 0xe0971000
msp3400 26992 0 – Live 0xe0951000
saa7115 13328 0 – Live 0xe08ff000

tda9887 12432 0 – Live 0xe08fa000
wm8775 5340 0 – Live 0xe08d7000
cx25840 41172 0 – Live 0xe0945000
firmware_class 7936 2 bttv,cx25840, Live 0xe08d4000
tuner 23264 0 – Live 0xe0868000
tveeprom 12524 1 bttv, Live 0xe08cf000

snd_intel8x0 29536 0 – Live 0xe08f1000
snd_ac97_codec 92092 1 snd_intel8x0, Live 0xe08a2000
snd_ac97_bus 1856 1 snd_ac97_codec, Live 0xe0813000
ivtv 215380 1 – Live 0xe090f000
snd_pcm 79048 3 snd_pcm_oss,snd_intel8x0,snd_ac97_codec, Live 0xe08ba000

i2c_algo_bit 8776 2 bttv,ivtv, Live 0xe0864000
i2c_nforce2 5696 0 – Live 0xe0861000
snd_timer 20356 1 snd_pcm, Live 0xe083a000
snd 45028 6 snd_pcm_oss,snd_mixer_oss,snd_intel8x0,snd_ac97_codec,snd_pcm,snd_timer,
Live 0xe0870000

videodev 7104 2 bttv,ivtv, Live 0xe082d000
i2c_core 17360 11
bttv,lirc_i2c,msp3400,saa7115,tda9887,wm8775,cx25840,tuner,tveeprom,i2c_algo_bit,i2c_nforce2,
Live 0xe0834000
soundcore 7200 1 snd, Live 0xe0818000

snd_page_alloc 8456 2 snd_intel8x0,snd_pcm, Live 0xe0829000
nvidia_agp 5980 1 – Live 0xe0815000
agpgart 29320 2 drm,nvidia_agp, Live 0xe081b000

[7.4.] Loaded driver and hardware information (/proc/ioproports, /proc/iomem)

Linux–Kernel: Kernal oops with drm radeon

```
cat /proc/ioports
0000–001f : dma1
0020–0021 : pic1
0040–0043 : timer0
0050–0053 : timer1
0060–006f : keyboard
0080–008f : dma page reg
00a0–00a1 : pic2
00c0–00df : dma2
00f0–00ff : fpu
0170–0177 : ide1

01f0–01f7 : ide0
02f8–02ff : serial
0376–0376 : ide1
03c0–03df : vga+
03f6–03f6 : ide0
03f8–03ff : serial
0cf8–0cff : PCI conf1
5000–5007 : nForce2 SMBus
5040–5047 : nForce2 SMBus
9000–9fff : PCI Bus #01

9000–90ff : 0000:01:08.0
9000–90ff : tulip
a000–afff : PCI Bus #02
a000–a0ff : 0000:02:00.0
b000–b0ff : 0000:00:06.0
b000–b0ff : NVidia nForce2
b400–b47f : 0000:00:06.0
b400–b47f : NVidia nForce2

c000–c01f : 0000:00:01.1
c400–c407 : 0000:00:04.0
c400–c407 : forcedeth
f000–f00f : 0000:00:09.0
f000–f007 : ide0
f008–f00f : ide1

cat /proc/iomem
00000000–0009fbff : System RAM
0009fc00–0009ffff : reserved

000a0000–000bffff : Video RAM area
000c0000–000cbfff : Video ROM
000cc000–000cd7ff : Adapter ROM
000f0000–000fffff : System ROM
00100000–1ffeffff : System RAM
00100000–002ca789 : Kernel code
002ca78a–0035bb13 : Kernel data
```

Linux-Kernel: Kernal oops with drm radeon

1fff0000-1fff2fff : ACPI Non-volatile Storage
1fff3000-1ffffff : ACPI Tables
d0000000-d7ffffff : 0000:00:00.0
d8000000-dfffffff : PCI Bus #02
 d8000000-dfffffff : 0000:02:00.0
e0000000-e7ffffff : PCI Bus #01

 e0000000-e3ffffff : 0000:01:09.0
 e0000000-e200ffff : ivtv0
 e4000000-e7ffffff : 0000:01:0a.0
 e4000000-e600ffff : ivtv1
e8000000-e9ffffff : PCI Bus #02
 e8000000-e801ffff : 0000:02:00.0
 e9000000-e907ffff : 0000:02:
00.0
ea000000-ebffffff : PCI Bus #01
 ea000000-ea01ffff : 0000:01:08.0
 eb000000-eb0003ff : 0000:01:08.0
 eb000000-eb0003ff : tulip
ec000000-ec07ffff : 0000:00:05.0
ec080000-ec080fff : 0000:00:06.0

 ec080000-ec080fff : NVidia nForce2
ec082000-ec082fff : 0000:00:02.1
ec083000-ec0830ff : 0000:00:02.2
ec084000-ec084fff : 0000:00:04.0
 ec084000-ec084fff : forcedeth
ec085000-ec085fff : 0000:00:02.0
fec00000-fec00fff : reserved

fee00000-fee00fff : reserved
ffff0000-ffffff : reserved

[7.5.] PCI information ('lspci -vvv' as root)

0000:00:00.0 Host bridge: nVidia Corporation nForce2 AGP (different version?) (rev c1)

 Control: I/O- Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR- FastB2B-

 Status: Cap+ 66MHz+ UDF- FastB2B+ ParErr- DEVSEL=fast >TAbort- <TAbort- <MAbort- >SERR- <PERR-

 Latency: 0

 Region 0: Memory at d0000000 (32-bit, prefetchable) [size=128M]

 Capabilities: [40] AGP version 2.0

 Status: RQ=32 Iso- ArqSz=0 Cal=0 SBA+ ITACoh- GART64- HTrans- 64bit- FW+ AGP3- Rate=x1,x2,x4

 Command: RQ=1 ArqSz=0 Cal=0 SBA+ AGP+ GART64- 64bit- FW- Rate=x1
 Capabilities: [60] #08 [2001]

0000:00:00.1 RAM memory: nVidia Corporation nForce2 Memory Controller 1 (rev c1)

 Subsystem: EPoX Computer Co., Ltd.: Unknown device 1000

Linux-Kernel: Kernal oops with drm radeon

Control: I/O- Mem- BusMaster- SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR- FastB2B-

Status: Cap- 66MHz+ UDF- FastB2B- ParErr- DEVSEL=fast >TAbort- <TAbort- <MAbort- >SERR- <PERR-

0000:00:00.2 RAM memory: nVidia Corporation nForce2 Memory Controller 4 (rev c1)

Subsystem: EPoX Computer Co., Ltd.: Unknown device 1000

Control: I/O- Mem- BusMaster- SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR- FastB2B-

Status: Cap- 66MHz+ UDF- FastB2B- ParErr- DEVSEL=fast >TAbort- <TAbort- <MAbort- >SERR- <PERR-

0000:00:00.3 RAM memory: nVidia Corporation nForce2 Memory Controller 3 (rev c1)

Subsystem: EPoX Computer Co., Ltd.: Unknown device 1000

Control: I/O- Mem- BusMaster- SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR- FastB2B-

Status: Cap- 66MHz+ UDF- FastB2B- ParErr- DEVSEL=fast >TAbort- <TAbort- <MAbort- >SERR- <PERR-

0000:00:00.4 RAM memory: nVidia Corporation nForce2 Memory Controller 2 (rev c1)

Subsystem: EPoX Computer Co., Ltd.: Unknown device 1000

Control: I/O- Mem- BusMaster- SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR- FastB2B-

Status: Cap- 66MHz+ UDF- FastB2B- ParErr- DEVSEL=fast >TAbort- <TAbort- <MAbort- >SERR- <PERR-

0000:00:00.5 RAM memory: nVidia Corporation nForce2 Memory Controller 5 (rev c1)

Subsystem: EPoX Computer Co., Ltd.: Unknown device 1000

Control: I/O- Mem- BusMaster- SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR- FastB2B-

Status: Cap- 66MHz+ UDF- FastB2B- ParErr- DEVSEL=fast >TAbort- <TAbort- <MAbort- >SERR- <PERR-

0000:00:01.0 ISA bridge: nVidia Corporation nForce2 ISA Bridge (rev a3)

Subsystem: EPoX Computer Co., Ltd.: Unknown device 1000

Control: I/O+ Mem+ BusMaster+ SpecCycle+ MemWINV- VGASnoop- ParErr- Stepping- SERR- FastB2B-

Status: Cap+ 66MHz+ UDF- FastB2B+ ParErr- DEVSEL=fast >TAbort- <TAbort- <MAbort- >SERR- <PERR-

Latency: 0

Capabilities: [48] #08 [01e1]

0000:00:01.1 SMBus: nVidia Corporation nForce2 SMBus (MCP) (rev a2)

Subsystem: EPoX Computer Co., Ltd.: Unknown device 1000

Control: I/O+ Mem- BusMaster- SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR- FastB2B-

Status: Cap+ 66MHz+ UDF- FastB2B+ ParErr- DEVSEL=fast >TAbort- <TAbort- <MAbort- >SERR- <PERR-

Interrupt: pin A routed to IRQ 0

Region 0: I/O ports at c000 [size=32]

Capabilities: [44] Power Management version 2

Linux-Kernel: Kernal oops with drm radeon

Flags: PMEClk- DSI- D1- D2- AuxCurrent=0mA PME(D0-,D1-,D2-,D3hot+,D3cold+)
Status: D0 PME-Enable- DSel=0 DScale=0 PME-

0000:00:02.0 USB Controller: nVidia Corporation nForce2 USB Controller
(rev a3) (prog-if 10 [OHCI])

Subsystem: EPoX Computer Co., Ltd.: Unknown device 1000

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-

Stepping- SERR- FastB2B-

Status: Cap+ 66MHz+ UDF- FastB2B+ ParErr- DEVSEL=fast >TAbort-

<TAbort- <MAbort- >SERR- <PERR-

Latency: 0 (750ns min, 250ns max)

Interrupt: pin A routed to IRQ 0

Region 0: Memory at ec085000 (32-bit, non-prefetchable) [size=4K]

Capabilities: [44] Power Management version 2

Flags: PMEClk- DSI- D1+ D2+ AuxCurrent=0mA PME(D0+,D1+,D2+,D3hot+,D3cold+)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

0000:00:02.1 USB Controller: nVidia Corporation nForce2 USB Controller
(rev a3) (prog-if 10 [OHCI])

Subsystem: EPoX Computer Co., Ltd.: Unknown device 1000

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-

Stepping- SERR- FastB2B-

Status: Cap+ 66MHz+ UDF- FastB2B+ ParErr- DEVSEL=fast >TAbort-

<TAbort- <MAbort- >SERR- <PERR-

Latency: 0 (750ns min, 250ns max)

Interrupt: pin B routed to IRQ 0

Region 0: Memory at ec082000 (32-bit, non-prefetchable) [size=4K]

Capabilities: [44] Power Management version 2

Flags: PMEClk- DSI- D1+ D2+ AuxCurrent=0mA PME(D0+,D1+,D2+,D3hot+,D3cold+)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

0000:00:02.2 USB Controller: nVidia Corporation nForce2 USB Controller
(rev a3) (prog-if 20 [EHCI])

Subsystem: EPoX Computer Co., Ltd.: Unknown device 1000

Control: I/O- Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-

Stepping- SERR- FastB2B-

Status: Cap+ 66MHz+ UDF- FastB2B+ ParErr- DEVSEL=fast >TAbort-

<TAbort- <MAbort- >SERR- <PERR-

Latency: 0 (750ns min, 250ns max)

Interrupt: pin C routed to IRQ 5

Region 0: Memory at ec083000 (32-bit, non-prefetchable) [size=256]

Capabilities: [44] #0a [2080]

Capabilities: [80] Power Management version 2

Flags: PMEClk- DSI- D1+ D2+ AuxCurrent=0mA PME(D0+,D1+,D2+,D3hot+,D3cold+)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

0000:00:04.0 Ethernet controller: nVidia Corporation nForce2 Ethernet
Controller (rev a1)

Subsystem: EPoX Computer Co., Ltd.: Unknown device 1000

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-

Stepping- SERR- FastB2B-

Linux-Kernel: Kernal oops with drm radeon

Status: Cap+ 66MHz+ UDF- FastB2B+ ParErr- DEVSEL=fast >TAbort-
<TAbort- <MAbort- >SERR- <PERR-
Latency: 0 (250ns min, 5000ns max)
Interrupt: pin A routed to IRQ 11
Region 0: Memory at ec084000 (32-bit, non-prefetchable) [size=4K]
Region 1: I/O ports at c400 [size=8]
Capabilities: [44] Power Management version 2
Flags: PMEClk- DSI- D1+ D2+ AuxCurrent=0mA PME(D0+,D1+,D2+,D3hot+,D3cold+)
Status: D0 PME-Enable+ DSel=0 DScale=0 PME-

0000:00:05.0 Multimedia audio controller: nVidia Corporation nForce

Audio Processing Unit (rev a2)

Subsystem: EPoX Computer Co., Ltd.: Unknown device 1000

Control: I/O- Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR- FastB2B-

Status: Cap+ 66MHz+ UDF- FastB2B+ ParErr- DEVSEL=fast >TAbort-
<TAbort- <MAbort- >SERR- <PERR-

Latency: 0 (250ns min, 3000ns max)

Interrupt: pin A routed to IRQ 7

Region 0: Memory at ec000000 (32-bit, non-prefetchable) [size=512K]

Capabilities: [44] Power Management version 2

Flags: PMEClk- DSI- D1+ D2+ AuxCurrent=0mA PME(D0-,D1-,D2-,D3hot-,D3cold-)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

0000:00:06.0 Multimedia audio controller: nVidia Corporation nForce2

AC97 Audio Controller (MCP) (rev a1)

Subsystem: EPoX Computer Co., Ltd.: Unknown device 1000

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR- FastB2B-

Status: Cap+ 66MHz+ UDF- FastB2B+ ParErr- DEVSEL=fast >TAbort-
<TAbort- <MAbort- >SERR- <PERR-

Latency: 0 (500ns min, 1250ns max)

Interrupt: pin A routed to IRQ 11

Region 0: I/O ports at b000 [size=256]

Region 1: I/O ports at b400 [size=128]

Region 2: Memory at ec080000 (32-bit, non-prefetchable) [size=4K]

Capabilities: [44] Power Management version 2

Flags: PMEClk- DSI- D1+ D2+ AuxCurrent=0mA PME(D0-,D1-,D2-,D3hot-,D3cold-)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

0000:00:08.0 PCI bridge: nVidia Corporation nForce2 External PCI

Bridge (rev a3) (prog-if 00 [Normal decode])

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR+ FastB2B-

Status: Cap- 66MHz+ UDF- FastB2B+ ParErr- DEVSEL=fast >TAbort-
<TAbort- <MAbort- >SERR- <PERR-

Latency: 0

Bus: primary=00, secondary=01, subordinate=01, sec-latency=32

I/O behind bridge: 00009000-00009fff

Memory behind bridge: ea000000-ebffffff

Prefetchable memory behind bridge: e0000000-e7ffffff

Linux-Kernel: Kernal oops with drm radeon

BridgeCtl: Parity- SERR+ NoISA- VGA- MAbort- >Reset- FastB2B-

0000:00:09.0 IDE interface: nVidia Corporation nForce2 IDE (rev a2)

(prog-if 8a [Master SecP PriP])

Subsystem: EPoX Computer Co., Ltd.: Unknown device 1000

Control: I/O+ Mem- BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-

Stepping- SERR- FastB2B-

Status: Cap+ 66MHz+ UDF- FastB2B+ ParErr- DEVSEL=fast >TAbort-

<TAbort- <MAbort- >SERR- <PERR-

Latency: 0 (750ns min, 250ns max)

Region 4: I/O ports at f000 [size=16]

Capabilities: [44] Power Management version 2

Flags: PMEClk- DSI- D1- D2- AuxCurrent=0mA PME(D0-,D1-,D2-,D3hot-,D3cold-)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

0000:00:1e.0 PCI bridge: nVidia Corporation nForce2 AGP (rev c1)

(prog-if 00 [Normal decode])

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-

Stepping- SERR+ FastB2B-

Status: Cap- 66MHz+ UDF- FastB2B- ParErr- DEVSEL=medium >TAbort-

<TAbort- <MAbort- >SERR- <PERR-

Latency: 32

Bus: primary=00, secondary=02, subordinate=02, sec-latency=32

I/O behind bridge: 0000a000-0000afff

Memory behind bridge: e8000000-e9ffffff

Prefetchable memory behind bridge: d8000000-dfffffff

BridgeCtl: Parity- SERR+ NoISA- VGA+ MAbort- >Reset- FastB2B-

0000:01:08.0 Ethernet controller: Linksys NC100 Network Everywhere

Fast Ethernet 10/100 (rev 11)

Subsystem: Linksys: Unknown device 0570

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-

Stepping- SERR- FastB2B-

Status: Cap+ 66MHz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort-

<TAbort- <MAbort- >SERR- <PERR-

Latency: 32 (16000ns min, 32000ns max), Cache Line Size: 0x08 (32 bytes)

Interrupt: pin A routed to IRQ 5

Region 0: I/O ports at 9000 [size=256]

Region 1: Memory at eb000000 (32-bit, non-prefetchable) [size=1K]

Expansion ROM at ea000000 [disabled] [size=128K]

Capabilities: [c0] Power Management version 2

Flags: PMEClk- DSI- D1+ D2+ AuxCurrent=100mA PME(D0+,D1+,D2+,D3hot+,D3cold+)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

0000:01:09.0 Multimedia video controller: Internext Compression Inc

iTVC16 (CX23416) MPEG-2 Encoder (rev 01)

Subsystem: Hauppauge computer works Inc.: Unknown device 8801

Control: I/O- Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-

Stepping- SERR- FastB2B-

Status: Cap+ 66MHz- UDF- FastB2B- ParErr- DEVSEL=medium >TAbort-

<TAbort- <MAbort- >SERR- <PERR-

Linux-Kernel: Kernal oops with drm radeon

Latency: 64 (32000ns min, 2000ns max), Cache Line Size: 0x08 (32 bytes)

Interrupt: pin A routed to IRQ 5

Region 0: Memory at e0000000 (32-bit, prefetchable) [size=64M]

Capabilities: [44] Power Management version 2

Flags: PMEClk- DSI- D1- D2- AuxCurrent=0mA PME(D0-,D1-,D2-,D3hot-,D3cold-)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

0000:01:0a.0 Multimedia video controller: Internext Compression Inc

iTVC15 MPEG-2 Encoder (rev 01)

Subsystem: Hauppauge computer works Inc. WinTV PVR-250

Control: I/O- Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-

Stepping- SERR- FastB2B-

Status: Cap+ 66MHz- UDF- FastB2B- ParErr- DEVSEL=medium >TAbort-

<TAbort- <MAbort- >SERR- <PERR-

Latency: 64 (32000ns min, 2000ns max), Cache Line Size: 0x08 (32 bytes)

Interrupt: pin A routed to IRQ 11

Region 0: Memory at e4000000 (32-bit, prefetchable) [size=64M]

Capabilities: [44] Power Management version 2

Flags: PMEClk- DSI- D1- D2- AuxCurrent=0mA PME(D0-,D1-,D2-,D3hot-,D3cold-)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

0000:02:00.0 VGA compatible controller: ATI Technologies Inc Radeon

R100 QD [Radeon 7200] (prog-if 00 [VGA])

Subsystem: ATI Technologies Inc Radeon AIW

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-

Stepping+ SERR- FastB2B-

Status: Cap+ 66MHz+ UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort-

<TAbort- <MAbort- >SERR- <PERR-

Latency: 32 (2000ns min), Cache Line Size: 0x08 (32 bytes)

Interrupt: pin A routed to IRQ 7

Region 0: Memory at d8000000 (32-bit, prefetchable) [size=128M]

Region 1: I/O ports at a000 [size=256]

Region 2: Memory at e9000000 (32-bit, non-prefetchable) [size=512K]

Expansion ROM at e8000000 [disabled] [size=128K]

Capabilities: [58] AGP version 2.0

Status: RQ=48 Iso- ArqSz=0 Cal=0 SBA+ ITACoh- GART64- HTrans- 64bit-

FW- AGP3- Rate=x1,x2,x4

Command: RQ=32 ArqSz=0 Cal=0 SBA+ AGP+ GART64- 64bit- FW- Rate=x1

Capabilities: [50] Power Management version 2

Flags: PMEClk- DSI- D1+ D2+ AuxCurrent=0mA PME(D0-,D1-,D2-,D3hot-,D3cold-)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

[7.6.] SCSI information (from /proc/scsi/scsi)

```
cat /proc/scsi/scsi
```

cat: /proc/scsi/scsi: No such file or directory

[7.7.] Other information that might be relevant to the problem

(please look in /proc and include all information that you think to be relevant):

Linux-Kernel: Kernal oops with drm radeon

[X.] Other notes, patches, fixes, workarounds:

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